

## **Focus Area 12: Coronary Heart Disease**

**Objective 12-1** targets an overall reduction in the coronary heart disease (CHD) death rate to 162.0 per 100,000 population.

California's age-adjusted death rates for CHD declined significantly from 197.1 per 100,000 population in 2000 to 155.2 in 2004 (Figure 12-1, Table 12-1). As of 2004, the HP2010 objective is being achieved.

Age-adjusted CHD death rates for males were significantly higher than rates for females, and also significantly higher than the HP2010 target. The CHD death rates for males declined significantly from 244.3 per 100,000 in 2000 to 191.1 per 100,000 in 2004. Death rates for females also declined significantly from 160.1 per 100,000 in 2000 to 126.1 per 100,000 in 2004. This HP2010 objective is being achieved for females, but not for males.

Data by race and ethnicity show that African Americans/Blacks had significantly higher age-adjusted CHD death rates than any other racial or ethnic population: 226.1 per 100,000 in 2004. Although there has been a statistically significant decline for African American/Black CHD death rates since 2000, the HP2010 objective has not yet been achieved. The next highest CHD death rates were reported for Pacific Islanders (175.6 in 2004), followed by Whites (167.5 per 100,000 in 2004). The CHD death rates for Whites have declined significantly since 2000, but the HP2010 objective is not yet being achieved for either of these two racial groups. The HP2010 objective is, however, being achieved for the American Indian/Alaska Native, Asian, Hispanic/Latino, and Multirace populations.

For more information on coronary heart disease in California, visit the California Heart Disease and Stroke Prevention Program Web site at:

<http://www.dhs.ca.gov/ps/cdic/cdcb/Chronic/chdsp/index.htm>

For more information on Healthy People 2010 objective 12-1, please visit:

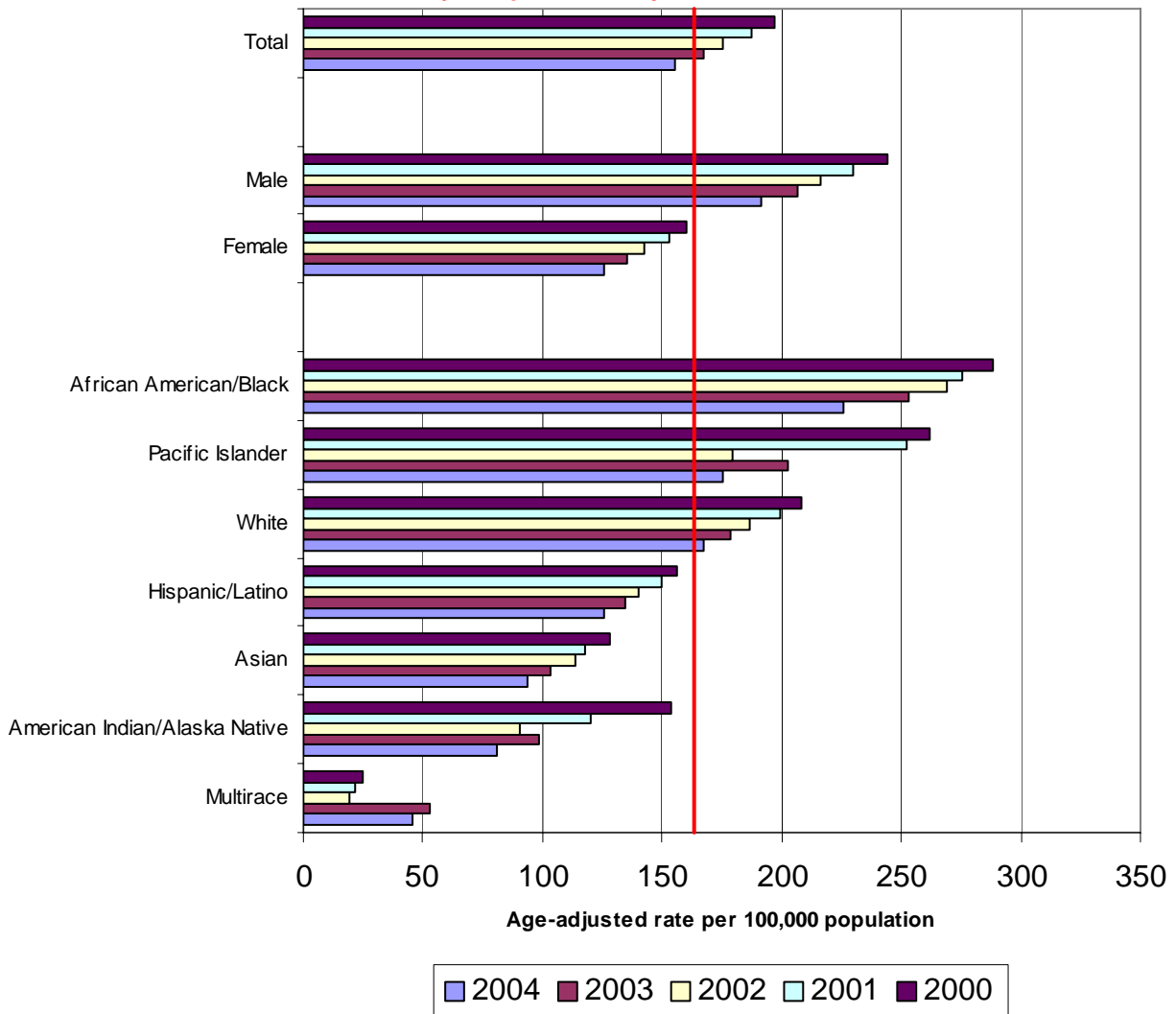
<http://www.healthypeople.gov/Document/HTML/Volume1/12Heart.htm#Toc490544220>

and

<http://www.healthypeople.gov/Document/html/tracking/od12.htm#heartdisease>

**Figure 12-1**  
**Coronary Heart Disease Death Rates**  
**California, 2000-2004**

Healthy People 2010 Objective = 162.0



**Table 12-1: Coronary Heart Disease Deaths and Death Rates, California 2000-2004**

Objective 12-1	2000		Lower 95% C.I.	Upper 95% C.I.	2001		Lower 95% C.I.	Upper 95% C.I.
	N	Rate <sup>1</sup>			N	Rate <sup>1</sup>		
<b>Healthy People 2010 Target</b>		<b>162.0</b>				<b>162.0</b>		
<b>Statewide Total</b>	57,021	197.1	195.4	198.7	57,072	187.3	185.7	188.8
<b>Race-Ethnicity</b>								
African American/Black	4,292	288.1	279.3	296.8	4,359	275.9	267.6	284.2
American Indian/Alaska Native	177	153.8	130.3	177.2	177	120.1	101.9	138.4
Asian	3,254	127.8	123.3	132.3	3,348	117.9	113.9	122.0
Hispanic/Latino	5,575	156.1	151.8	160.4	5,840	150.0	146.0	154.0
Pacific Islander	138	262.0	213.7	310.2	147	252.4	207.8	297
White	43,495	208.3	206.3	210.3	43,114	199.1	197.2	201.0
Multirace	67	25.1	18.9	31.4	61	21.7	16.1	27.3
<b>Gender</b>								
Female	28,445	160.1	158.2	161.9	28,554	153.2	151.4	154.9
Male	28,576	244.3	241.4	247.2	28,518	230.0	227.3	232.7

Objective 12-1	2002		Lower 95% C.I.	Upper 95% C.I.	2003		Lower 95% C.I.	Upper 95% C.I.
	N	Rate <sup>1</sup>			N	Rate <sup>1</sup>		
<b>Healthy People 2010 Target</b>		<b>162.0</b>				<b>162.0</b>		
<b>Statewide Total</b>	56,087	175.6	174.1	177.0	55,472	167.3	165.9	168.7
<b>Race-Ethnicity</b>								
African American/Black	4,436	268.9	260.9	276.9	4,352	252.8	245.2	260.4
American Indian/Alaska Native	150	90.4	75.5	105.4	194	98.3	83.9	112.6
Asian	3,541	113.9	110.1	117.6	3,501	103.7	100.2	107.2
Hispanic/Latino	5,945	139.8	136.1	143.5	6,150	134.2	130.7	137.7
Pacific Islander	121	179.5	145.2	213.8	145	202.7	167.8	237.6
White	41,804	186.8	185.0	188.6	40,898	178.6	176.9	180.4
Multirace	62	19.6	14.6	24.6	174	52.8	44.8	60.8
<b>Gender</b>								
Female	27,802	142.9	141.2	144.6	27,174	135.2	133.6	136.8
Male	28,285	216.2	213.6	218.7	28,298	206.6	204.2	209.0

Objective 12-1	2004		Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
	N	Rate <sup>1</sup>				
<b>Healthy People 2010 Target</b>		<b>162.0</b>				
<b>Statewide Total</b>	52,177	155.2	153.9	156.6	Sig. -	Yes
<b>Race-Ethnicity</b>						
African American/Black	4,019	226.1	219.0	233.2	Sig. -	No
American Indian/Alaska Native	173	80.8	68.3	93.4	Sig. -	Yes
Asian	3,311	93.8	90.6	97.1	Sig. -	Yes
Hispanic/Latino	6,119	125.7	122.5	129.0	Sig. -	Yes
Pacific Islander	134	175.2	143.9	206.6	ns	No
White	38,214	167.5	165.8	169.2	Sig. -	No
Multirace	163	45.5	38.4	52.6	ns	Yes
<b>Gender</b>						
Female	25,552	126.1	124.5	127.6	Sig. -	Yes
Male	26,625	191.1	188.8	193.4	Sig. -	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Coronary heart disease deaths defined by ICD-10 codes I11, I20-I25.

<sup>1</sup> Rate per 100,000 population, age-adjusted using the 2000 US population standard.

Sig. - Statistically significant decrease in age-adjusted death rates from 2000 to 2004.

Sig. + Statistically significant increase in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points)

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).